

*BEST COPY*  
*Available*

**CENTRAL INTELLIGENCE AGENCY**  
**INFORMATION REPORT**

REPORT

CD NO.

**619501**

COUNTRY

East Germany

DATE DISTR. 18 May 1954

SUBJECT

Research Projects Assigned to the  
University of Greifswald

NO. OF PAGES 2

PLACE  
ACQUIREDNO. OF ENCLS.  
(LISTED BELOW)

25X1

DATE OF  
INFO.SUPPLEMENT TO  
REPORT

25X1

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE  
 OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793  
 AND 794, OF THE U. S. CODE, AS AMENDED. ITS TRANSMISSION OR REVEL-  
 ATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON  
 IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

25X1

25X1

1. The project designated "Fluorinated Hydrocarbons" concerned the production of organic fluorinated hydrocarbons with anhydrous hydrogen fluoride. Twelve thousand (12,000) DME were allocated for this research. The goal was to be attained by the investigation of three methods:
  - a. Replacement of the alcoholic hydroxyl group by fluorine: the current work was to be continued and studies made on the addition of dehydrating agents to increase the yields which were not satisfactory.
  - b. Substitution of chlorine by fluorine: the search for suitable fluorine carriers was to be continued; it should be possible to accomplish the direct conversion of chlorinated hydrocarbons conveniently with hydrogen fluoride by working at increased pressures.
  - c. Preparation of fluorine-containing intermediates by the addition of hydrogen fluoride to unsaturated compounds: such compounds as vinyl fluoride, chloro-fluorethylene, chlorotrifluorethylene and tetrafluorethylene should be prepared in this manner.
2. The project designated "Hydrogen Fluoride Rearrangements" was allocated the sum of 10,000 DME. Among the goals to be attained in the study of anhydrous fluoride transformations and rearrangements were the following:
  - a. Investigation of the Fries rearrangement in order to attain essentially greater yields in the synthesis of adrenaline.

25 YEAR RE-REVIEW

- b. Investigation of Perlon production including the possibility of performing

STATE #	<input checked="" type="checkbox"/>	NAVY #	<input checked="" type="checkbox"/>	NSRB	DISTRIBUTION	OSI	<input checked="" type="checkbox"/>
ARMY #	<input checked="" type="checkbox"/>						

25X1



6. Investigation of bromination in liquid hydrogen [redacted] be done in conjunction with VEB Deutsche Hydrierwerke Rodleben [redacted] primary research had revealed that bromination in this [redacted] purpose [redacted] easily and led to products other than those obtained by [redacted]

ENCLOSURE

25X1

~~CONFIDENTIAL/CONTROL/US OFF~~

Page 1

1997

Don't get

[illegible]

1975